

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in Duplicate*

5. Lease Designation & Serial #: NM-03845

6. If Indian, Allottee/Tribe Name

WELL COMPLETION OR RECOMPLETION AND LOG *

1a. Type of Well: oil well ☐ gas well ☒ dry ☐ other ☐
b. Type of Completion: new well ☒ work over ☐ deepen ☐
plug back ☐ diff. resvr. ☐ other ☐

2. Name of Operator: Blackwood & Nichols Co. A Limited Partnership

3. Address of Operator: P.O. Box 1237, Durango, Colorado 81302-1237

4. Location of Well: (Report location clearly, in accordance with any State requirements)*

At surface 2560' FSL - 1695' FWL
At top prod. interval reported below 1624' FNL - 71' FEL, Sec. 19, T30N, R7W
At total depth

Permit No.: 30-039-25049

7. Unit Agreement Name:
Northeast Blanco Unit

8. Farm or Lease Name:
Northeast Blanco Unit

9. Well No.:
475

10. Field and Pool, or Wildcat:
Basin Fruitland Coal

11. Sec., T., M., or Block and
Survey or Area: Surface:
Sec. 20, T30N, R7W

12. County or Parish: Rio Arriba
13. State: NM

15. Date Spudded: 2-7-91
16. Date TD Reached: 3-1-91
17. Date Compl. (ready to produce): 3-17-91
18. Elev. (DF, RKB, RT, GR, Etc)*: 6419' RKB
19. Elev. Csgd.: 6405' UG

20. Total Depth, MD & TVD: 4179' (MD)
21. Plug Back TD, MD & TVD: 4179' (MD)
22. If Mult. Comp.: How Many* N/A
23. Intervals Drilled By:
Rotary Tools TD
Cable Tools No

24. Producing Interval(s), of this completion - Top, Bottom, Name (MD and TVD)*:
Fruitland Basin Coals, open hole completion from 3884' to 4179'
25. Was Directional Survey Made? Yes

26. Type Electric and Other Logs Run: Mud Log
27. Was Well Cored? No

28. CASING RECORD (Report all strings set in well)

Casing Size	Weight, LB/FT	Depth Set (MD)	Hole Size	Cementing Record	Amount Pulled
10.750"	40.5# WC50	297'	14.750"	336 cf of Class B	29 Bbls Circ. Cement
7.625"	29.7# N-80	3884'	9.875"	1353 cf 65/35 Howco Lite	
				147 cf Class B	57 Bbls Circ. Cement

LINER RECORD

TUBING RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
5.500"	3792'	4179'	None	N/A	2.875"	4139'	N/A

31. Perforation Record (Interval, size and number):

5.5" Uncemented Pre-perfed Liner - Open Hole 3884'-4179'
3925'-4177'
(8 HPF, 0.625)

32. **RECEIVED**
ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval (MD) Amount and Kind of Material Used
3884' - 4179' Natural, stress relieved
the coal zones.

33. PRODUCTION

Date First Production: Waiting on pipeline
Production Method (Flowing, gas lift, pumping-size and type of pump): Flowing during completion operation, dry gauge
Well Status (shut-in): Shut-in

Date of Test: 3-16-91
Hours Tested: 1 hr.
Choke Size: 2" pitot
Prod'n For Test Period:
Oil-Bbl N/A
Gas-MCF N/A
Water-Bbl N/A
Gas-Oil Ratio N/A

Flow. Tubing Press: 1340 psig
Casing Pressure: 1330 psig
Calculated 24 HR Rate:
Oil-Bbl N/A
Gas-MCF 3,132 MCFD
TSTM BWD
Gravity-API N/A

34. Disposition of Gas (Sold, used for fuel, vented, etc): Vented
Res. Witnessed By: M.L. Smith

35. List of Attachments: FARMINGTON RESOURCE AREA

36. I hereby certify that the foregoing and attached information in complete and correct as determined from all available records

Signed: Roy W. Williams Title: Administrative Manager Date: 3/19/91

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

11/1/00

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC
NEBU# 475			
Fruitland Coal Zones:	3946'	3947'	
	4010'	4012'	
	4029'	4030'	
	4044'	4048'	
	4051'	4052'	
	4060'	4072'	
	4075'	4076'	
	4077'	4078'	
	4098'	4100'	
	4119'	4129'	
	4135'	4137'	
	4150'	4158'	

38. GEOLOGICAL MARKERS

NAME	T
	MEAS. DEPTH
Top Main PC	4176'